



A PPL Company

**PART 1**

**DELAWARE LEVEL 1 INTERCONNECTION APPLICATION & AGREEMENT**

**With Terms and Conditions for Interconnection**  
**(Lab Certified Inverter-Based Small Generator Facilities Less than or Equal to 10 kW)**

*(Application & Conditional Agreement – to be completed prior to installation)*

**INTERCONNECTION CUSTOMER CONTACT INFORMATION**

Customer Name: L Wayne Morris

Mailing Address: 31032 Buttonwood Drive

City: Lewes State: DE Zip Code: 19958

Contact Person (if other than above): \_\_\_\_\_

Mailing Address (if other than above): \_\_\_\_\_

Telephone (Daytime): 302-645-1212 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address (Required): jwm107@gmail.com

**Alternate Contact Information**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone (Daytime): \_\_\_\_\_ (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

**FACILITY INFORMATION**

Facility Address: 31032 Buttonwood Drive

City: Lewes State: DE Zip Code: 19958

DPL Account # of Facility Site: 2380 5199 9999

Energy Source: Photovoltaics ☒ Prime Mover: Photovoltaics ☒

Type of Application: Initial ☒ Addition/Upgrade ☐ <sup>1</sup>

DC Nameplate Rating: 6 (kW) 6000 (kVA), AC Inverter Rating 6 (kW), AC System  
Design Capacity: 6 (kW) 6000 (kVA)

<sup>1</sup> Initial if first time generator request. Addition/Upgrade if this is an add-on to a previously approved system.

Generator (or PV Panel) Manufacturer, Model #: Silevo Triex U300

(A copy of Generator Nameplate and Manufacturer's Specification Sheet May Also be Submitted)

Inverter Manufacturer: ABB Model # & Rating: PVI 6000-TL-US

Number of Inverters: 1

Ampere Rating: 25 Amps<sub>AC</sub>, Number of Phases: ☒ 1 ☐ 3, Voltage Rating: 240  
V<sub>AC</sub>.

Nominal DC Voltage: 342 V<sub>DC</sub>, Power Factor: 100 %, Frequency: 60 Hz,

DPL Accessible Disconnect or Lock Box: ☒ Yes ☐ No, If Yes, Location: \_\_\_\_\_

One-line Diagram Attached (Required): ☒ Yes ☐ No, Site Plan Attached (Required): ☒ Yes ☐ No

Do you plan to export power?<sup>2</sup> ☒ Yes ☐ No, If Yes, Estimated Maximum: 4 kW<sub>AC</sub>

Estimated Gross Annual Energy Production: 7740 kWh

Is the inverter IEEE/UL1741 lab certified? Yes ☐ No ☐ (If yes, attach manufacturer's cut sheet showing listing and label information from the appropriate listing authority, e.g. UL 1741 listing. If no, facility is not eligible for Level 1 Application.)

Estimated Commissioning Date: 4/15/15

**EQUIPMENT INSTALLATION CONTRACTOR** Check if owner-installed ☐

Name: Alutech United Inc

Mailing Address: 117 Dixon St

City: Selbyville State: DE Zip Code: 19975

Telephone (Daytime): 800-233-1144 (Evening): 302-841-9059

Facsimile Number: 302-436-5100 E-Mail Address (Required): derek@ecshutters.com

**ELECTRICAL CONTRACTOR**

Name: Alutech United Inc

Mailing Address: 117 Dixon St

City: Selbyville State: DE Zip Code: 19975

Telephone (Daytime): 800-233-1144 (Evening): 302-841-9059

Facsimile Number: 302-436-5100 E-Mail Address: russell@alutech.com

License number: T1-0005686

Active License? Yes ☒ No ☐

Is small generator facility eligible for Net Metering? Yes ☒ No ☐

<sup>2</sup> Yes, If your expected maximum output of the inverter (kW AC) is greater than the lowest load you anticipate at your facility during maximum PV output (kW). The difference would be the amount you may export.

**INSURANCE DISCLOSURE**

The attached terms and conditions contain provisions related to liability and indemnification, and should be carefully considered by the interconnection customer. The interconnection customer is not required to obtain general liability insurance coverage as a precondition for interconnection approval; however, the interconnection customer is advised to consider obtaining appropriate insurance coverage to cover the interconnection customer's potential liability under this agreement.

**CUSTOMER SIGNATURE**

I hereby certify that: 1) I have read and understand the terms and conditions which are attached hereto by reference and are a part of this Agreement; 2) I hereby agree to comply with the attached terms and conditions; and 3) to the best of my knowledge, all of the information provided in this application request form is complete and true. I consent to permit the PSC and interconnecting utility to exchange information regarding the generating system to which this application applies.

Interconnection Customer Signature: Wayne Morris Date: 11/1/14  
Printed Name: Wayne Morris Title: Homeowner

**Conditional Agreement to Interconnect Small Generator Facility (for EDC use only)**

Receipt of the application fee is acknowledged and, by its signature below, the EDC has determined the interconnection request is complete. Interconnection of the small generator facility is conditionally approved contingent upon the attached terms and conditions of this Agreement the return of the attached Certificate of Completion duly executed, verification of electrical inspection and successful witness test or EDC waiver thereof.

EDC Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



A PSC Company

**PART 2**

**DELAWARE INTERCONNECTION APPLICATION & AGREEMENT**

**With Terms and Conditions for Interconnection**  
**(Lab Certified Inverter-Based Small Generator Facilities Less than or Equal to 10 kW)**

*(Final Agreement – must be completed after installation and prior to interconnection)*

**Certificate of Completion**

**INTERCONNECTION CUSTOMER CONTACT INFORMATION**

Name: L Wayne Morris  
Mailing Address: 31032 Buttonwood Dr  
City: Lewes State: DE Zip Code: 19958  
Telephone (Daytime): 302-645-1212 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: jwm107@gmail.com

**FACILITY INFORMATION**

Facility Address: 31032 Buttonwood Dr  
City: Lewes State: DE Zip Code: 19958

DPL Account # of Facility Site: 2380 5199 9999

Energy Source: ☒ Photovoltaics ☐ Prime Mover: ☒ Photovoltaics ☐  
DC Nameplate Rating: 6 (kW) 6000 (kVA), AC Inverter Rating 6 (kW), AC System  
Design Capacity: 6 (kW) 6000 (kVA)  
Inverter Manufacturer: ABB Model # & Rating: PVI 6000-TL-US  
Number of Inverters: 1

**EQUIPMENT INSTALLATION CONTRACTOR** Check if owner-installed ☐

Name: Alutech United Inc  
Mailing Address: 117 Dixon St  
City: Selbyville State: DE Zip Code: 19975  
Telephone (Daytime): 800-233-1144 (Evening): 302-841-9059  
Facsimile Number: 302-436-5100 E-Mail Address: derek@ecshutters.com

**FINAL ELECTRIC INSPECTION AND INTERCONNECTION CUSTOMER SIGNATURE**

The Small Generator Facility is complete and has been approved by the local electric inspector having jurisdiction. A signed copy of the electric inspector's form indicating final approval is attached. The Interconnection Customer acknowledges that it shall not operate the Small Generator Facility until receipt of the final acceptance and approval by the EDC as provided below.

Signed: L. Wayne Morris Date 5-6-15  
(Signature of interconnection customer)

Printed Name: Wayne Morris

Type of Application: New/Initial ☒ Growth/Increase ☐ System Capacity 6 KW (DC)  
Check if copy of signed electric inspection form is attached ☒

**ACCEPTANCE AND FINAL APPROVAL FOR INTERCONNECTION (for EDC use only)**

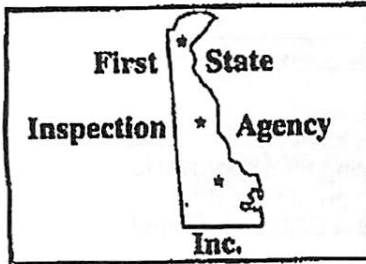
The interconnection agreement is approved and the Small Generator Facility is approved for interconnected operation upon the signing and return of this Certificate of Completion by EDC:

Electric Distribution Company waives Witness Test? (Initial) Yes (DCD) No (\_\_\_\_)  
If not waived, date of successful Witness Test: \_\_\_\_\_ Passed: (Initial) (\_\_\_\_)

EDC Signature: Diana C. DeAngelis Date: 6/29/15

Printed Name: Diana C. DeAngelis Title: Regulatory Affairs Lead





**First State Inspection Agency, Inc.**  
1001 Mattlind Way  
Milford, DE 19963

**1-800-468-7338**  
**302-422-3859**

Alutech United, Inc.  
James Rodrigue  
PO Box 329  
Selbyville, DE 19975

## CERTIFICATE

Final Inspection Date:	5-1
Application #:	01
Owner:	Wayne Morris
Occupancy:	Solid Gray
Location:	31032 Burtonwood Dr., Edgewater Est. Lewes Sussex Co., DE

This certifies that the installation of electrical equipment listed on referenced application has been approved as meeting the requirements of the National Electric Code, utility ordinances and Agency rules. Any modification, addition or alteration of the electrical system, after the date of final inspection, will require a new application for inspections and certifications.

  
**Chief Electrical Inspector**

F.S. CERT

10. If the Applicant's installation is solar or wind sited in Delaware, is a minimum of 50% of the cost of the renewable energy equipment, inclusive of mounting components, manufactured in Delaware?

☐ Yes\* ☒ No

Alntech United, Inc

Company Name of Installer

117 Dixon Street

Address

Selbyville, DE 19975

Address



Signature of Company Representative

Derek Dykes

Print Name of Co. Representative

\*If Yes, please attach the following documentation:

- A copy of the supplier's invoice showing Delaware manufactured equipment with this facility identified
  - If the supplier's invoice shows only a coded Purchase Order (PO) number, a copy of the company's matching PO that includes the address where the materials were used/installed, must also be supplied
  - If using a master invoice, a record of the draws against the purchased quantity, on the master invoice, must show the address of each use and the quantity of material used

11. If the Applicant's installation is solar or wind sited in Delaware:

a. Was the facility physically constructed or installed with a workforce that consists of at least 75% Delaware residents?

☐ Yes\* ☒ No

b. Does the installing company employ, in total, a minimum of 75% workers who are Delaware residents?

☒ Yes\* ☐ No

Alntech United, Inc.

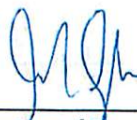
Company Name of Installer

117 Dixon Street

Address

Selbyville, DE 19975

Address



Signature of Company Representative

Derek Dykes

Print Name of Co. Representative

\*If Yes, please attach supporting documentation (see pages 7-8 for details). Please note, in order to qualify for the Labor/Workforce Bonus, at least one of the options (a. or b.) must be met.

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**Documentation Required for Delaware Labor/Workforce Bonus**

11. If the Applicant's installation is solar or wind sited in Delaware:

- b. Does the installing company employ, in total, a minimum of 75% of workers who are Delaware residents?

If you answered yes to "b." above, complete the following as evidence:

Alutec United Inc. DBA Green Street Solar  
Installation Company Name

employed the following individuals (list EVERY employee on the payroll during the period from project start date until project completion date). Projects are considered complete upon final interconnection approval to operate. (Attach additional sheets if necessary)

Project Start Date: 5/5/15 Project Complete Date: 6/29/15

Employee Full Name	Home Address (As per Tax Withholding)	Social Security Number (Last 4 digits Only)
<input checked="" type="checkbox"/> See Attachment		

Total Delaware Resident Employees: 20 Total Number of Employees: 26

% of Delaware Residents (Delaware Residents Divided by Total Employees): 77%



	NAME	STREET ADDRESS	CITY	ST	ZIP	SS#
1	Jason Roth	32494 Whaleys Way	Laurel	DE	19956	9290
2	Jason Killen	32716 Fisher Place	Frankford	DE	19945	6018
3	Brian Reed	27849 Avalon Drive	Georgetown	DE	19947	5300
4	George Carey	36966 Deer Drive	Selbyville	DE	19975	0769
5	Dustin Brittingham	2 Leah Street	Georgetown	DE	19947	8601
6	George Pfaller	24501 Cedar Lane	Georgetown	DE	19947	4148
7	W. Jeffrey Timmons	133 Kingsbridge Rd.	Rehoboth Beach	DE	19971	3452
8	James Webb	629 Gun and Rod Club Road	Harrington	DE	19952	3463
9	Donnie Baker	35359 Danny Drive	Laurel	DE	19956	4060
10	Adam Ash	34683 Burbage Rd.	Frankford	DE	19945	7424
11	Derek Dykes	34041 South Shell Bridge Road	Laurel	DE	19956	9374
12	Aaron Woods	713 Hurley Park Drive	Seaford	DE	19973	1425
13	Alfred Bangert	17905 Carey's Camp	Laurel	DE	19956	7392
14	Daniel Fleetwood	36157 Millers Neck Rd.	Frankford	DE	19945	3968
15	Richard Gedon	159 West Tingle Drive	Selbyville	DE	19975	0524
16	David Linehan	26393 Sea Mist Ct.	Millsboro	DE	19966	6485
17	Michael Haymond	12640 Beach Hwy.	Greenwood	DE	19950	3501
18	John Basch	104 Lakeview Drive	Salisbury	MD	21801	6496
19	Russell Pfaller	7167 Chatham Manor Way	Pittsville	MD	21850	3398
20	Lisa Bloom	403 143 <sup>rd</sup> Street, Unit 5	Ocean City	MD	21842	1174
21	Mark Caldwell	1004 Philadelphia Avenue, Unit 5	Ocean City	MD	21842	6420
22	Richie Wright	5637 Caledonia Drive	Salisbury	MD	21801	3340
23	Jose Cordoba	Lazy Lagoon Lot 41	Frankford	DE	19945	7642
24	Antione Johnson	27542 Holly Hock Lane	Seaford	DE	19973	6029
25	Erik Diaz	105 Caroline St. #6	Ocean City	MD	21842	0815
26	Victor Martinez-Taylor	48 Duke Street	Selbyville	DE	19975	